#### ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500 Denver, Colorado 80202

Telephone:

303-573-1222

Facsimile:

303-573-0461

May 23, 2006

State of Utah Division of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114-5801 Ms. Diana Whitney Attention:

RE: **Exception Locations – Directional Drilled Wells** 

Uintah County, Utah - Federal Surface Pad

Dear Ms. Whitney:

Enduring Resources, LLC respectfully requests a spacing exception for the following wells. Four wells will be drilled from this well pad. Surface locations will be 25', more or less apart. BHL's for each well will be in its own "assigned" 40-acre, 200' drilling window. No BHL's will be within 960' of each other. All of the wells, except one vertical well on this pad are being drilled directional to limit surface impact.

WELL NAME& NUMBER	WELL LOCATIONS
a. Rock House 10-23-33-30	SURF 2146' FSL-2105' FWL NESW Sec 30-10S-23E
BHL UTU-81737	BHL 1980' FSL- 1980' FEL NWSE Sec 30-10S-23E
b. Rock House 10-23-32-30	SURF 2220' FSL-2096' FWL NESW Sec 30-10S-23E
BHL UTU-81737	BHL 1980' FNL- 1980' FEL SWNE Sec 30-10S-23E
c. Rock House 10-23-23-30	SURF 2170' FSL- 2102' FWL NESW Sec 30-10S-23E
BHL UTU-81737	BHL SAME-VERTICAL
d. Rock House 10-23-13-30	SURF 2195' FSL-2099' FWL NESW Sec 30-10S-23E
BHL-UTU-76281	BHL 1980' FSL-660' FWL SWNW Sec 30-10S-23E

Enduring Resources, LLC is the only lease owner within a 460' radius of any point of any of the well bores, the surface locations, and the four BHL's, to be drilled from this pad.

Therefore, Enduring Resources, LLC hereby grants itself permission to directionally drill the wells and the four exception well locations.

Very truly yours

**ENDURING RESOURCES. LLC** 

Alvin R. (Al) Arlian Landman - Regulatory Specialist

RECEIVED MAY 2 6 2006

DIV. OF OIL, GAS & MINING

ara/

#### ENDURING RESOURCES, LLC

425 Seventeenth Street, Suite 1500 Denver, Colorado 80202 Telephone: 303-573-1222 Facsimile: 303-573-0461

May 23, 2006

State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt lake City, Utah 84114-5801

Attention:

Diana Whitney

RE:

Rock House 10-23-33-30

Surface Location: NESW Sec. 30-10S-23E

2146' FSL - 2105' FWL

Lease Serial No.: UTU-81737

Bottom Hole Location: NWSW Section 30-10S-23E

1980'FSL -1980' FEL

Lease Serial No.: UTU-81737

Uintah County, Utah

Dear Ms. Whitney

Attached is one copy of an application to drill for the above-referenced proposed This well will be drilled on federal lands. well.

Enduring Resources, LLC respectfully requests that this information, and future information, be held confidential.

Should you have any questions concerning this matter, please do not hesitate to call (303-350-5114)

Very truly yours

al.a

**ENDURING RESOURCES, LLC** 

Alvin R. (Al) Arlian

Landman – Regulatory Specialist

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MAY 2 6 2006

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DIV. OF OIL, GAS & MINING

Attachments as stated:

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	
(highlight changes)	

FORM 3

	APPL	ICATION FOR	PERMIT TO	DRILL	.*	5. MINERAL LEASE NO: UTU-81737	6. SURFACE: Federal
1A, TYPE OF WOI						7. IF INDIAN, ALLOTTEE O	R TRIBE NAME:
IA, TIFE OF WOR					TIPLE ZONE 🔽	8. UNIT or CA AGREEMEN	NAME:
B. TYPE OF WEL	L: OIL GAS	OTHER	SINC	SLE ZONE   MUL	TIPLE ZONE IV	9. WELL NAME and NUMBE	-D-
2. NAME OF OPE	RATOR: esources, LLC				•	Rock House10-2	
3. ADDRESS OF C	OPERATOR:			PHONE NU		10. FIELD AND POOL, OR	
475 17th St	., Ste 1500 <sub>CITY</sub>	Denver STA	ATE CO ZIP 802		50-5114	11. QTR/QTR, SECTION, T	
4. LOCATION OF AT SURFACE:	99 ( 2146' FSL - 2105	254× 441977 5'FWL NESW	18 Y 34.918	551 -109,37	063.2	MERIDIAN:	OS 23E S
AT PROPOSED	PRODUCING ZONE: 19	80' FSL - 1980' FE - シーロリタ フォ	EL NWSE 2 1 39 9	18075-10	9.36653	9	
14. DISTANCE IN	MILES AND DIRECTION FF	OM NEAREST TOWN OR PO	OST OFFICE:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			13. STATE: UTAH
	s southeast of Ve					Uintah	- TO THE WEST !
15. DISTANCE TO	NEAREST PROPERTY OF	LEASE LINE (FEET)	16. NUMBER OF	ACRES IN LEASE:		7. NUMBER OF ACRES ASSIGN	40 acres
660' BHL			19. PROPOSED	DEDTH:	640	). BOND DESCRIPTION:	acies
APPLIED FOR	NEAREST WELL (DRILLING) ON THIS LEASE (FEET)	IG, COMPLETED, OR	19. PROPOSED	DEPTH:	1	RLB0008031	
	e 1,000' BHL (SHOW WHETHER DF, RT	GR ETC.):	22. APPROXIM	ATE DATE WORK WILL STAI	-,	3. ESTIMATED DURATION:	
5651' KB-		, 610, 210.).	8/1/2006			20 days	
24.		PROPO	SED CASING A	ND CEMENTING PI	ROGRAM		
SIZE OF HOLE	CASING SIZE, GRADE,	AND WEIGHT PER FOOT	SETTING DEPTH			ITY, YIELD, AND SLURRY WEIG	нт
20"	14" line	pipe	40	3 yards	Re	eady Mix	
11"		55 24#	2,016	Premium Lead		138 sxs 3.	50 11.1
				Premium Tail		138 sxs 1.	15 15.8
7-7/8"	4-1/2" N-	80 11.6#	8,395	Class G		155 sxs	3.3 11.0
7-170	1,1,2			50/50 Poz Class	G	897 sxs 1.	56 14.3
25.			ATTA	CHMENTS			
VERIFY THE FOI	LOWING ARE ATTACHED	IN ACCORDANCE WITH THE	E UTAH OIL AND GAS C	ONSERVATION GENERAL I	RULES:		
WELL PL	AT OD MAD DDEDADED D	/ LICENSED SURVEYOR OF	RENGINEER	☑ COMPLETE D	RILLING PLAN		
				_	PERATOR IS PERS	ON OR COMPANY OTHER THA	N THE LEASE OWNER
<b>✓</b> EVIDENO	CE OF DIVISION OF WATER	R RIGHTS APPROVAL FOR U	USE OF WATER	FORM 0, IF OF	- LIGHTON ICT ZNO		
NAME (C) FACE	<sub>PRINT)</sub> Alvin R. (Al)	Arlian		TITLE Land	dman - Regu	ulatory Specialist	
NAME (PLEASE	FRINI)			5/22	2/2006		
SIGNATURE		( - <u></u>		DATE SIZZ		- Pr	OEN/EE
This space for Sta	ate use only)		<b>P</b> ré-m	Approved	hy the	KE	CEIVED
			## 13	Htah Divi		† MA	Y 2 6 2006

43-047-38180

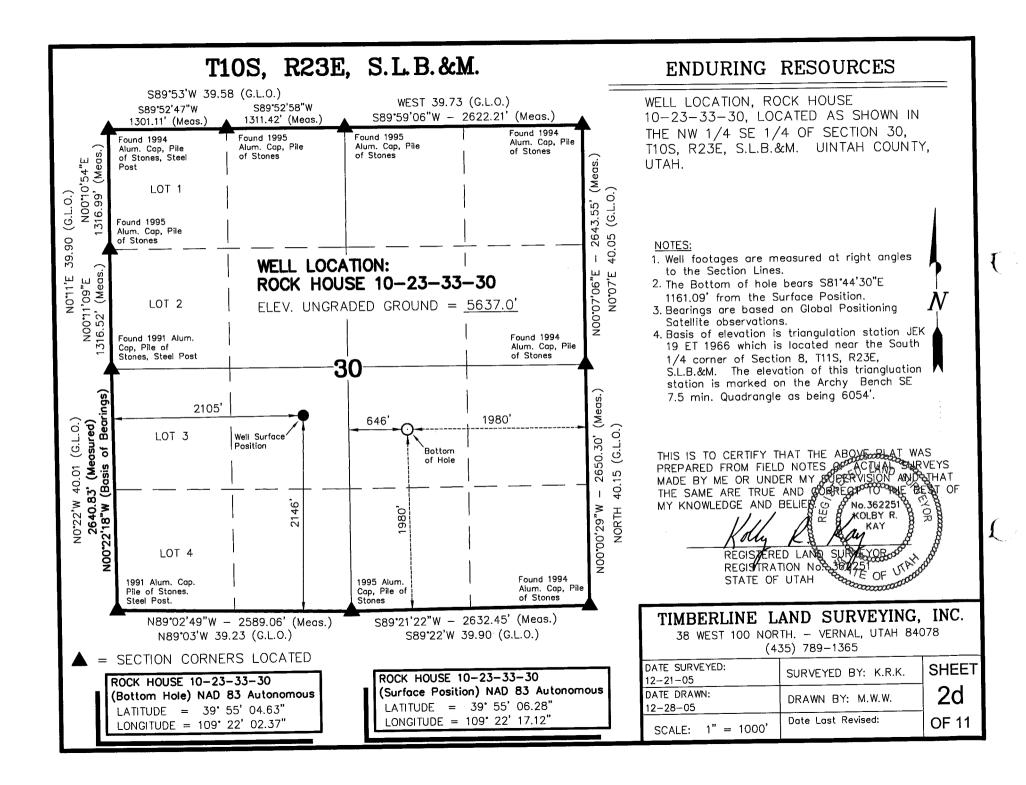
Oil Gas and Mining

MAT 2 0 ZUUG

DIV. OF OIL, GAS & MINING

(11/2001)

API NUMBER ASSIGNED:



### **SELF-CERTIFICATION STATEMENT**

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Enduring Resources, LLC is considered to be the operator of the following well.

#### Rock House 10-23-33-30

Surface Location: NESW Sec. 30-10S-23E

2146' FSL - 2105' FWL

Lease Serial No.: UTU-81737

Bottom Hole Location: NWSW Section 30-10S-23E

1980'FSL -1980' FEL

Lease Serial No.: UTU-81737

Uintah County, Utah

Enduring Resources, LLC is responsible under the terms and conditions of the lease for the operations conducted upon leased lands. Bond coverage is provided by UTB000173.

Alvin R. (Al) Arlian

Regulatory Specialist

Enduring Resources, LLC

475 17th Street, Suite 1500

Denver, CO 80202 (303) 350-5114

May 22, 2006

Date

# **Enduring Resources, LLC**

### Rock House 10-23-33-30

NW-SE 30-10S-23E (Bottom Hole Location) NE-SW 30-10S-23E (Surface Location) Federal Lease: UTU-81737 Uintah County, Utah

# **ONSHORE ORDER 1 - DRILLING PLAN**

# 1. <u>Estimated Tops of Geological Markers:</u>

Formation	Depth (K.B.)
Uinta	Surface
Green River	1132
Wasatch	3882
	5886
Mesaverde	

# 2. <u>Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:</u>

Substance	Formation	Depth (K.B.) TVD
Substance	1 Officialist	
	KB-Uinta Elevation: 5651' est.	****
Oil / Gas	Green River	11132
Oil /Gas	Wasatch	3882
	Mesaverde	5886
Oil /Gas		8395
0	TD	8395

An 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

# 3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: <u>Annular Preventer</u>

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- When the annular preventer is initially installed; 1.
- Whenever any seal subject to test pressure is broken; 2.
- Following related repairs; and 3.
- At thirty (30) day intervals. 4.

In addition to the above, the annular preventer will be functionally operated at least weekly.

#### **Blow-Out Preventer**

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- When the BOP is initially installed; 1.
- Whenever any seal subject to test pressure is broken; 2.
- Following related repairs; and 3.
- At thirty (30) day intervals. 4.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

#### Miscellaneous Information: E.

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Oil & Gas Order Number 2.

#### **Proposed Casing & Cementing Program:** 4.

#### All New Casing Program: A.

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2016' (KB) est.
		11.6#	N-80	LT&C	0 – 8395' (KB)
7-7/8"	4-1/2"	11.0#	14-00		

The surface casing will have guide shoe, 1 joint, insert float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next 16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

# B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD 8-5/8", 24#/ft, J55, STC 4-1/2", 11.6#/ft, N-80, LTC	1370/1.52(a) 6350/1.46(d)	2950/3.28(b) 7780/1.64 (e)	244/5.81(c) 223/2.66 (f)

- based on full evacuation of pipe with 8.6 ppg fluid on annulus (a.)
- based on 8.6 ppg gradient with no fluid on annulus (b.)
- based on casing string weight in 8.6 ppg mud (c.)
- based on full evacuation of pipe with 10.0 ppg fluid on annulus (d.)
- based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, (e.) no gas gradient
- based on casing string weight in 9.2 ppg mud (f.)

# PROPOSED CEMENTING PROGRAM

# Surface Casing (if well will circulate)-Cemented to surface

			F	I	EXCESS	WEIGHT	YIELD
CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	(%)	(ppg)	(ft <sup>3</sup> /sx) 3.50
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.30
8-5/8"	Tail	500	Premium cement + 2% CaC <sub>2</sub> + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft<sup>3</sup>/sx) cement will be premium cement w/ 3% CaCl<sub>2</sub> + 0.25 pps celloflake. Volume as required

# Surface Casing (if well will not circulate) - Cemented to surface

	OL LIDEV	FT. of	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft³/sx)
CASING	SLURRY		Premium cement + 2% CaCl <sub>2</sub> + 0.25 pps	138	25	15.8	1.15
8-5/8"	Lead	500	celloflake		<u> </u>		
8-5/8"	Top job	As req.	Premium cement + 3% CaCl <sub>2</sub> + 0.25 pps celloflake	As Req.		15.8	1.15
	<u> </u>	<u> </u>	Cellollake	L			

# Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT.	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft <sup>3</sup> /sx)
		of FILL			(70)	(FF3)	
4-1/2"	Lead	1766	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	155	25	11.0	3.3
4-1/2"	Tail	4913	50/50 POZ Class G + 2% gel +1% CaCl <sub>2</sub> + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	897	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

# 5. <u>Drilling Fluids (mud) Program:</u>

Interval	Mud Weight	Fluid Loss	Viscosity	Mud Type
(MD) 0' – 2016' (KB)	2.4.0.0	No cntrl	28-36	Air/mist Water
2000'-3000' (KB) 3000'-8395' (KB)	8.4-8.6 8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

### 6. <u>Evaluation Program:</u>

Tests:

No tests are currently planned.

Coring:

No cores are currently planned.

Samples:

No sampling is currently planned.

#### Logging

- Dual Induction SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
   TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

### 7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No  $H_2S$  has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 4,365 psi (calculated at 0.52 psi/foot of hole) and maximum anticipated surface pressure equals approximately 2,519 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

## 8. Anticipated Starting Dates:

Anticipated Commencement Date Within one year of APD issue.

Anticipated Commencement Bats
 Drilling Days
Approximately 10 days

Completion Days - Approximately 10 days

Anticipate location construction within 30 days of permit issue.

### 9. Variances:

None anticipated

### 10. <u>Other:</u>

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

A measurement while drilling (MWD) system will be used to track and control the directional path of the wellbore.

# ENDURING RESOURCES Rock House 10-23-33-30 Section 30, T10S, R23E, S.L.B.&M.

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND 500 EAST STREET IN VERNAL, UTAH PROCEED IN AN EASTERLY THEN SOUTHERLY DIRECTION ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 45 APPROXIMATELY 40.5 MILES TO THE JUNCTION OF THE DRAGON ROAD (COUNTY B ROAD 4180). THIS ROAD IS LOCATED APPROXIMATELY 4.8 MILES SOUTH OF BONANZA, UTAH. EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4180 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THE KINGS WELLS ROAD (COUNTY B ROAD 4190). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 4190 APPROXIMATELY 8.7 MILES TO THE JUNCTION OF THE ATCHEE RIDGE ROAD (COUNTY B ROAD 4270). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THE LONG DRAW ROAD (COUNTY B ROAD 4260). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF COUNTY B ROAD 4160. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4160 APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THE BITTER CREEK ROAD (COUNTY B ROAD 4120). EXIT LEFT AND PROCEED IN A WESTERLY DIRECTION ALONG COUNTY B ROAD 4120 APPROXIMATELY 1.9 MILES TO THE JUNCTION OF COUNTY B ROAD 4230. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THE ATCHEES WASH ROAD (COUNTY B ROAD 4240). EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4240 APPROXIMATELY 2.7 MILES TO A CLASS D COUNTY ROAD. EXIT LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE SADDLETREE DRAW ROAD (COUNTY B ROAD 4230); EXIT RIGHT AND PRODEED IN A NORTHELY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 2.1 MILES TO A CLASS D COUNTY ROAD; EXIT LEFT AND PROCEED IN AN SOUTHWESTERLY DIRECTION ALONG THE COUNTY D ROAD APPROXIMATELY 1.7 MILES TO A SECOND CLASS D COUNTY ROAD. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG THE SECOND CLASS D ROAD APPROXIMATELY 2.0 MILES TO THE PROPOSED ACCESS ROAD FOR ROCK HOUSE 10-23-21-30. FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 130 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 79.8 MILES IN A SOUTHEASTERLY DIRECTION.

# Enduring Resources, LLC Rock House 10-23-33-30

NW-SE 30-10S-23E (Bottom Hole Location) NE-SW 30-10S-23E (Surface Location) Uintah County, Utah

Federal Lease: UTU-81737

# **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

#### 1. Existing Roads:

Directions to the Rock House 10-23-33-30 Rock House 10-23-32-30 Rock House 10-23-23-30 and Rock House 10-23-13-30 Wells' Pad (four-well pad).

FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND 500 EAST STREET IN VERNAL, UTAH PROCEED IN AN EASTERLY THEN SOUTHERLY DIRECTION ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.3 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 45 APPROXIMATELY 40.5 MILES TO THE JUNCTION OF THE DRAGON ROAD (COUNTY B ROAD 4180). THIS ROAD IS LOCATED APPROXIMATELY 4.8 MILES SOUTH OF BONANZA, UTAH. EXIT LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION ALONG COUNTY B ROAD 4180 APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THE KINGS WELLS ROAD (COUNTY B ROAD 4190). EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG COUNTY B ROAD 4190 APPROXIMATELY 8.7 MILES TO THE JUNCTION OF THE ATCHEE RIDGE ROAD (COUNTY B ROAD 4270). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.3 MILES TO THE JUNCTION OF THE LONG DRAW ROAD (COUNTY B ROAD 4260). CONTINUE ALONG COUNTY B ROAD 4190 IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF COUNTY B ROAD 4160. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4160 APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THE BITTER CREEK ROAD (COUNTY B ROAD 4120). EXIT LEFT AND PROCEED IN A WESTERLY DIRECTION ALONG COUNTY B ROAD 4120 APPROXIMATELY 1.9 MILES TO THE JUNCTION OF COUNTY B ROAD 4230. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THE ATCHEES WASH ROAD (COUNTY B ROAD 4240). EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG COUNTY B ROAD 4240 APPROXIMATELY 2.7 EXIT LEFT AND PROCEED IN A MILES TO A CLASS D COUNTY ROAD. THE MILES TO NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 EXIT RIGHT AND SADDLETREE DRAW ROAD (COUNTY B ROAD 4230); PRODEED IN A NORTHELY DIRECTION ALONG COUNTY B ROAD 4230 APPROXIMATELY 2.1 MILES TO A CLASS D COUNTY ROAD; EXIT LEFT AND PROCEED IN AN SOUTHWESTERLY DIRECTION ALONG THE COUNTY D ROAD APPROXIMATELY 1.7 MILES TO A SECOND CLASS D COUNTY ROAD. EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG THE SECOND CLASS D ROAD APPROXIMATELY 2.0 MILES TO THE PROPOSED ACCESS ROAD FOR ROCK HOUSE 10-23-21-30. FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE PROPOSED ACCESS ROAD. FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 130 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 79.8 MILES IN A SOUTHEASTERLY DIRECTION.

### 2. Planned Access Roads:

The proposed access road will be approximately 230 feet of new construction (ON-LEASE). Please refer to Topo Map "B" for the takeoff point for the new ON-LEASE road construction.

Access will be using County Road 4230 into section 31, then .40 of a mile of the proposed on-lease road to three other wells on this same lease. If this well pad is drilled first then additional 0.40 of a mile of new construction will be needed.

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provided a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development. 1989.</u>

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

# 3. <u>Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):</u>

The following wells are wells located within a one (1) mile or greater radius of the proposed location.

a. None: Water Wells:b. None: Injection Wells:c. Six: Producing Wells

Six: Producing Wells:
i. Rock House 11-31 NESW Sec 31-10S-23E
ii. Rock House 12D-32 SW/4 Sec 32-10S23E

iii. Rock House 12D-32 SW/4 Sec 32-10S23E iii. Rock House 10-23-12-32 Sec 32-10S-23E

iv. Rock House 6D-32 Sec 32-10S-23E

v. Rock House 10-23-32-32 Sec 32-10S-23E vi. Rock House 10-23-21-32 Sec 32-10S-23E

d. None: Drilling Wells:e. None: Shut-in Wells:

f. None: Temporarily Abandoned Wells:

g. None: Disposal Wells:h. None: Abandoned Wells:

i. None: Dry Holes:

j. None: Observation Wells:k. Various: Pending (staked) Wells:

Enduring has approximately 20 wells permitting in Sections

31 and 32 (many directional multi-well pad locations).

# 4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee

All facilities will be painted within 6 months of installation. The color shall be Dark Olive Black. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline:

ON-LEASE

270' BLM

OFF-LEASE

None

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed. The surface gas gathering line shall be in use year round. A total of approximately less than 270 feet of surface gas gathering pipeline shall be laid on the surface to minimize surface disturbance:

- a. ON-LEASE approximately 270' feet, and
- b. OFF-LEASE approximately -0-.

of 4 inch or less diameter steel, unpainted, welded gas gathering line is proposed.

The proposed pipeline will begin at the well site; and tie-in directly to a proposed surface pipeline (east) adjacent to the well pad. The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

# 5. Location and Type of Water Supply:

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2215 or Water Right Number 49-2216 (\*See Townships of permitted Use below). If those sources are not available, a new water source shall be submitted prior to commencing operations. (These permits have one-year terms and then must be renewed)

\*Enduring Water Permits' Townships of Use:

T10S-R22E	T11S-R22E	T12S-R22E
<b>T10S-R23E</b>	T11S-R23E	T12S-R23E
T10S-R24E	T11S-R24E	T12S-R24E

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

# 6 Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

### 7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit well be constructed on the location and will not be located within natural drainage, where a flood hazard exits or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, brake or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash well be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

### 8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

# 9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

#### Plans for Surface Reclamation: 10.

### **Producing Location:**

Immediately upon well completion of the last well to be drilled from this pad, a. the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed b.

in accordance with 40CFR 3162.7.

Before any dirt work associated with location restoration takes place, the reserve C. pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production (and d. drilling the other directional wells) facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit e. area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain

effectively.

Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil f. will be spread evenly over the reclaimed area(s).

### **Dry Hole/Abandoned Location:**

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

# Seed Mixture for Windrowed Top Soil Will Included:

Indian Rice Grass 4#'s/acre Crested Wheat Grass 4#'s/acre Needle and Thread 4#'s/acre

# Surface Ownership: Location, Access and Pipeline Route:

**Bureau of Land Management** Wellsite:

**Bureau of Land Management** Access:

Bureau of Land management Pipeline:

#### Other Information 11.

# On-site Inspection for Location, Access and Pipeline Route:

The on-site was conducted February 9, 2006.

#### Attending were:

- Doug Hammond, Enduring Resources, LLC 1.
- Melissa Hawk, Vernal BLM Field Office
- Amy Torres, Vernal BLM Field Office
- Mike Stewart, Ponderosa Construction
- Colby Kay, Timberline Surveying

# Special Conditions of Approval:

None for this well(s).

#### Archeology:

A Cultural Resource Inventory Report is pending and to be prepared by a. Montgomery Archaeological Consultants.

#### Paleontology:

A Paleontology Reconnaissance Report is pending and to be prepared by b. Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

#### Lessee's or Operator's Representatives: 13,

#### Representatives:

Alvin R. (Al) Arlian Landman - Regulatory Specialist Enduring Resources, LLC 475 17<sup>th</sup> Street, Suite 1500 Denver, Colorado 80202 Office Tel: 303-350-5114 303-573-0461 Fax Tel: aarlian@enduringresources.com

Teme Singleton Vice President - Operations Enduring Resources, LLC 475 17<sup>th</sup> Street, Suite 1500 Denver, Colorado 80202 Office Tel: 303-350-5711 Fax Tel: 303-573-0461

tsingleton@enduringresources.com

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his/her/its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/here/its contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

#### Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be preformed by Enduring Resources, LLC and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Please be advised that Enduring Resources, LLC is considered to be the operator of the Rock House 0-23-33-30 Well; NW/4SE/4 (BHL) Section 30, Township 10 South, Range 23 East; Lease #:81737 Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM Statewide Oil & Gas Lease Bond No. UTB000173 and State of Utah , Division of Oil, Gas & Mining Surety Bond No. RLB0008031

**ENDURING RESOURCES, LLC** 

Alvin R. (AI) Arlian,

Landman - Regulatory Specialist

May 23, 2006



#### **ENDURING RESOURCES Rock House 10-23-33-30** NE/SW, Sec. 30, T10S, R23E **Uintah County, Utah**



Longitude

Slot

N/A

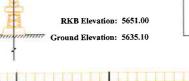
					SECTION	DETAILS				
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1 2 3 4 5 6	0.00 2072.00 3466.11 3815.46 6603.69 8598.69	0.00 0.00 27.88 27.88 0.00 0.00	98.26 98.26 98.26 98.26 98.26 98.26	0.00 2072.00 3411.73 3720.53 6400.00 8395.00	0.00 0.00 -47.78 -71.25 -166.81 -166.81	0.00 0.00 329.12 490.80 1149.05 1149.05	0.00 0.00 2.00 0.00 1.00 0.00	0.00 0.00 98.26 0.00 180.00 98.26	0.00 0.00 332.57 495.95 1161.09	KOP End Build Start Drop End Drop TD

+E/-W

0.00

2000

True Vertical Depth [1000ft/in]



8 5/8" Surface



Name

Rock House 10-23-33-30

#### FIELD DETAILS

+N/-S

0.00

Uintah, Utah Utah Central Zone U.S.A.

Geodetic System: US State Plane Coordinate System 1983 Ellipsoid: GRS 1980 Zone: Utah, Central Zone Magnetic Model: igrf2005

System Datum: Mean Sea Level Local North: True North

#### SITE DETAILS

39°55'06.280N 109°22'17.120W

Latitude

NE/SW 30-10S-23E Pad Sec. 30, T10S, R23E, Uintah County, Utah 2146 FSL & 2105 FWL

Site Centre Latitude: 39°55'06,280N Longitude: 109°22'17,120W

Ground Level: 5635,10 Positional Uncertainty: 0.00

TARGET DETAILS

TVD +N/-S +E/-W Shape Name

WELL DETAILS

Easting

2237362.92

Northing

7146122.73

1149.05 Rectangle (400x400) 8395.00 -166.81 10-23-33-30 Target

CASING DETAILS

MD Size No. TVD Name

8.625 2012.00 2012.00 8 5/8" Surface

FORMATION TOP DETAILS

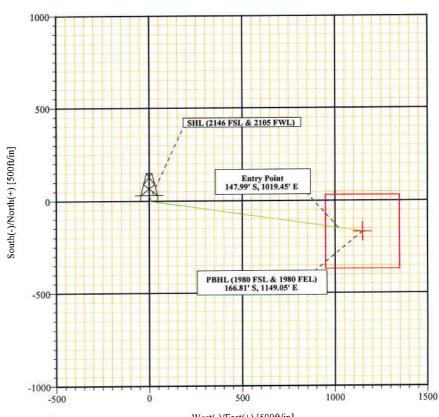
1132.00 1132.00 Green River 3882.00 5886.00 3996.65 6088.99 Wasatch Mesaverde

No. TVDPath

8349.69 **Buck Tongue** 

MDPath Formation

KOP 2072.00' MD/TVD 3000 Wasatch 4000-Entry Point 5376,32' MD 5182.00' TVD 1030.13' VS 12.27° INC 5000-Mesaverde 6000 7000 Buck Tongue TD 8598.69' MD 8395.00' TVD 1161.09' VS 8000 0.00° INC 2000 1000 Vertical Section at 98.26° [1000ft/in]



West(-)/East(+) [500ft/in]

Created By: Scott Wallace 4/24/06

# Weatherford International **Planning Report**

ield: ( lite:	Enduring Res Uintah, Utah NE/SW 30-10 Rock House 1	S-23E Pad			Co Ve Se	te: 4/24/200 -ordinate(NE) rtical (TVD) R ction (VS) Refe	Reference: V eference: S rence: V	ITE 565	k House 10	Page: 1 )-23-33-30, True North 8.26Azi)
Field: Map Systen	Uintah, Utal Utah Centra U.S.A. a:US State Pl	al Zone	nate System 1	983		Map Zone: Coordinate S	vstem:	Utah, Co	entral Zone	
Geo Datum: Sys Datum:	: GRS 1980 Mean Sea L	_evel				Geomagnetic		igrf2005		
Site:	NE/SW 30- Sec. 30, T1 2146 FSL 8	0S, R23E, l	id Jintah County	, Utah						
Site Position From: Position Un Ground Le	n: Geographic certainty:			<del>.</del>	22.73 ft 62.92 ft	Latitude: Longitude: North Refere		22 17	3.280 N 7.120 W True	
Well:	Rock Hous	e 10-23-33-	30			Slot Name:				
Well Position	+ <b>E</b> /-		ft Easting	9.	22.73 ft 862.92 ft	Latitude: Longitude:	39 109		6.280 N 7.120 W	
Wellpath:						Drilled Fron		Surface		
Current Da Magnetic D Field Stren Vertical Se	atum: SIT Data: gth:	E 4/23/2006 52871 th From (TV ft	nT	Height 56 +N/-S ft	651.00 ft	Tie-on Depti Above Syste Declination: Mag Dip An +E/-W ft	m Datum:	Direction deg	Sea Level 11.66 deg 65.96 deg	
		0.00		0.00		0.00		98.26		
Plan: Principal:	Plan #1 Yes					Date Compo Version: Tied-to:	osed:	4/23/20 1 From S	006 Surface	
Plan Sectio	n Informatio	n					gy (See Co.)	200000000000000000000000000000000000000		
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft d	Furn eg/100ft	deg	Target
0.00	0.00	98.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2072.00	0.00	98.26	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	
3466.11	27.88	98.26	3411.73	-47.78	329.12	2.00	2.00	0.00	98.26 0.00	
3815.46	27.88	98.26	3720.53	-71.25	490.80	0.00	0.00	0.00	180.00	
6603.69	0.00	98.26	6400.00	-166.81	1149.05	1.00	-1.00 0.00	0.00	98.26	10-23-33-30 Target
8598.69	0.00	98.26	8395.00	-166.81	1149.05	0.00	0.00		30.20	
eren er ville er etteralise	1 : Start Holo	and the second s		INTC	+E/-W	VS	DLS	Build	Turn	TFO
MD	Incl	Azim	TVD	+N/-S ft	т <u>в</u> л-vv ft	ft	deg/100ft	deg/100	ft deg/100f	
ft	deg	deg	ft	A Company of Manager			0.00	0.00	0.00	0.00
0.00	0.00	98.26	0.00	0.00	0.00	0.00 0.00	0.00	0.00	0.00	98.26
2000.00	0.00	98.26	2000.00	0.00	0.00 0.00	0.00	0.00	0.00	0.00	98.26
2012.00	0.00	98.26	2012.00	0.00 0.00	0.00	0.00	0.00	0.00	0.00	98.26
2072.00	0.00	98.26	2072.00	0.00	0.00					
	2 : Start Buil		TVD	+N/-S	+E/-W	vs	DLS	Build	Turn	TFO
MD	Incl dec	Azim deg	ft ft	ft	ft	ft	deg/100ft	deg/100	ft deg/100	ft deg
	deg	Assessment of the second		-0.02	0.14	0.14	2.00	2.00	0.00	0.00
.ft				-0.02				2.00	0.00	0.00
ft 2100.00	0.56	98.26	2100.00		າດາ	2 26	2.00	2.00	0.00	0.00
ft 2100.00 2200.00	0.56 2.56	98.26	2199.96	-0.41	2.83	2.86 9.07	2.00 2.00		0.00	0.00
ft 2100.00 2200.00 2300.00	0.56 2.56 4.56	98.26 98.26	2199.96 2299.76	-0.41 -1.30	8.97	9.07	2.00 2.00 2.00	2.00 2.00 2.00	0.00	0.00 0.00
ft 2100.00 2200.00 2300.00 2400.00	0.56 2.56 4.56 6.56	98.26 98.26 98.26	2199.96 2299.76 2399.28	-0.41 -1.30 -2.69	8.97 18.56	9.07 18.76	2.00	2.00 2.00 2.00	0.00 0.00 0.00	0.00 0.00 0.00
ft 2100.00 2200.00 2300.00 2400.00 2500.00	0.56 2.56 4.56 6.56 8.56	98.26 98.26 98.26 98.26	2199.96 2299.76 2399.28 2498.41	-0.41 -1.30 -2.69 -4.58	8.97	9.07 18.76 31.91	2.00 2.00 2.00 2.00	2.00 2.00 2.00 2.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
ft 2100.00 2200.00 2300.00 2400.00	0.56 2.56 4.56 6.56	98.26 98.26 98.26	2199.96 2299.76 2399.28	-0.41 -1.30 -2.69	8.97 18.56 31.58	9.07 18.76 31.91 48.52	2.00 2.00 2.00	2.00 2.00 2.00	0.00 0.00 0.00	0.00 0.00 0.00

92.00

118.83

91.05

117.59

-9.85 -13.22 -17.07

2694.98 2792.19

2888.52

98.26

98.26

2700.00

2800.00 2900.00

12.56

14.56

16.56

2.00 2.00 2.00

2.00 2.00

2.00

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0.00

0.00

# Weatherford International Planning Report

ompany: ield: ite: Vell: Vellpath;	Enduring Ro Uintah, Utal NE/SW 30- Rock House 1	h 10S-23E Pa	id 30		Co Ve Se	te: 4/24/20 -ordinate(NI- rtical (TVD) ction (VS) Re an:	E) Reference Reference:	SITE 56	ock House 10	Page: 2 0-23-33-30, True North 8.26Azi)
Section	2 : Start Buil	d 2.00								
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100f	Turn t deg/100ft	TFO deg
3000.00	18.56	98.26	2983.86	-21.41	147.45	149.00	2.00	2.00	0.00	0.00
3100.00	20.56	98.26	3078.08	-26.22	180.58	182.47	2.00	2.00	0.00	0.00
3200.00	22.56	98.26	3171.08	-31.49	216.94	219.22	2.00	2.00	0.00	0.00
3300.00	24.56	98.26	3262.74	-37.24	256.50	259.19	2.00	2.00	0.00	0.00
3400.00	26.56	98.26	3352.95	-43.43	299.19	302.33	2.00	2.00	0.00	0.00
3466.11	27.88	98.26	3411.73	-47.78	329.12	332.57	2.00	2.00	0.00	0.00
Section	3 : Start Hol	d						danile transport Species	ann ann an	
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100f	Turn ft deg/100ft	TFO deg
	27.88	98.26	3441.69	-50.06	344.81	348.42	0.00	0.00	0.00	180.00
3500.00 3600.00	27.88	98.26	3530.08	-56.77	391.09	395.19	0.00	0.00	0.00	180.00
3700.00	27.88	98.26	3618.47	-63.49	437.37	441.95	0.00	0.00	0.00	180.00
3800.00	27.88	98.26	3706.86	-70.21	483.65	488.72	0.00	0.00	0.00	180.00
3815.46	27.88	98.26	3720.53	-71.25	490.80	495.95	0.00	0.00	0.00	180.00
Section	4 : Start Dro	p -1.00								No.
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn ft deg/100ft	TFO deg
ft	deg	deg	ft	ft	ft	ft		<u> </u>		180.00
3900.00	27.04	98.26	3795.54	-76.85	529.38	534.93	1.00	-1.00 -1.00	0.00 0.00	180.00
3996.65	26.07	98.26	3882.00	-83.06	572.14	578.14 570.61	1.00 1.00	-1.00	0.00	180.00
4000.00	26.04	98.26	3885.01	-83.27	573.59	579.61 622.71	1.00	-1.00	0.00	180.00
4100.00		98.26	3975.24	-89.46	616.25 657.35	664.24	1.00	-1.00	0.00	180.00
4200.00	24.04	98.26	4066.20 4157.88	-95.43 -101.17	696.87	704.18	1.00	-1.00	0.00	180.00
4300.00	23.04 22.04	98.26 98.26	4250.25	-101.17	734.80	742.50	1.00	-1.00	0.00	180.00
4400.00 4500.00	22.04	98.26	4343.26	-111.95	771.13	779.21	1.00	-1.00	0.00	180.00
4600.00	20.04	98.26	4436.91	-116.99	805.85	814.29	1.00	-1.00	0.00	180.00
4700.00	19.04	98.26	4531.15	-121.79	838.94	847.73	1.00	-1.00	0.00	180.00
4800.00	18.04	98.26	4625.96	-126.36	870.40	879.52	1.00	-1.00	0.00	180.00
4900.00	17.04	98.26	4721.31	-130.69	900.22	909.66	1.00	-1.00	0.00	-180.00
5000.00	16.04	98.26	4817.17	-134.78	928.39	938.12	1.00	-1.00	0.00	180.00
5100.00	15.04	98.26	4913.52	-138.62	954.89	964.90	1.00	-1.00	0.00	180.00
5200.00	14.04	98.26	5010.31	-142.23	979.73	990.00	1.00	-1.00	0.00	180.00
5300.00		98.26	5107.53	-145.59	1002.90	1013.41	1.00	-1.00	0.00 0.00	180.00 180.00
5376.32		98.26	5182.00	-147.99	1019.45	1030.13	1.00 1.00	-1.00 -1.00	0.00	-180.00
5400.00	12.04	98.26	5205.15	-148.71	1024.38 1044.17	1035.12 1055.12	1.00	-1.00	0.00	180.00
5500.00	11.04	98.26	5303.13 5401.44	-151.58 -154.21	1044.17	1033.12	1.00	-1.00	0.00	180.00
5600.00 5700.00	10.04 9.04	98.26 98.26	5500.06	-154.21	1002.27	1089.97	1.00	-1.00	0.00	180.00
5700.00 5800.00		98.26	5598.95	-158.72	1093.36	1104.82	1.00	-1.00	0.00	180.00
5900.00		98.26	5698.08	-160.61	1106.34	1117.93	1.00	-1.00	0.00	180.00
6000.00		98.26	5797.43	-162.24	1117.60	1129.32	1.00	-1.00	0.00	180.00
6088.99		98.26	5886.00	-163.49	1126.18	1137.99	1.00	-1.00	0.00	180.00
6100.00		98.26	5896.96	-163.63	1127.15	1138.96	1.00	-1.00	0.00	-180.00
6200.00		98.26	5996.65	-164.77	1134.98	1146.87	1.00	-1.00	0.00	180.00
6300.00		98.26	6096.46	-165.65	1141.08	1153.04	1.00	-1.00	0.00	180.00
6400.00		98.26	6196.36	-166.29	1145.46	1157.47	1.00	-1.00	0.00	180.00
6500.00	1.04	98.26	6296.32	-166.67	1148.12	1160.15	1.00	-1.00	0.00	180.00 -180.00
6600.00 6603.69		98.26 98.26	6396.31 6400.00	-166.81 -166.81	1149.04 1149.05	1161.09 1161.09	1.00 1.00	-1.00 -1.00	0.00 0.00	180.00
Section	5 : Start Ho		,	100.01	.,,,,,,,,					
MD ft	Incl deg	Azim deg	TVD ft	+N/≗S ft	+E/-W ft	VS ft	DLS deg/100f	Build it deg/100	Turn oft deg/100ft	TFO deg
6700.00	00000000000000000000000000000000000000	98.26	6496.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
6800.00		98.26	6596.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
6900.00		98.26	6696.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
7000.00		98.26	6796.31	-166.81	1149.05	1161.09	0.00	0.00	0.00 0.00	98.26 98.26
7100.00		98.26	6896.31	-166.81	1149.05	1161.09	0.00	0.00	(1) (1)	ux /n

# **Weatherford International**

### **Planning Report**

Company: Enduring Resources Field: Uintah, Utah Site: NE/SW 30-10S-23E Pad

Rock House 10-23-33-30

Well: Wellpath: 1

Date: 4/24/2006 Time: 12:00:02 Page: Co-ordinate(NE) Reference: Well: Rock House 10-23-33-30, True North

SITE 5651.0 Well (0.00N,0.00E,98.26Azi) Vertical (TVD) Reference:

Section (VS) Reference:

Plan #1

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7300.00	0.00	98.26	7096.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
7400.00	0.00	98.26	7196.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
7500.00	0.00	98.26	7296.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
7600.00	0.00	98.26	7396.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
7700.00	0.00	98.26	7496.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
7800.00	0.00	98.26	7596.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
7900.00	0.00	98.26	7696.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
8000.00	0.00	98.26	7796.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
8100.00	0.00	98.26	7896.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
8200.00	0.00	98.26	7996.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
8300.00	0.00	98.26	8096.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
8349.69	0.00	98.26	8146.00	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
8400.00	0.00	98.26	8196.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
8500.00	0.00	98.26	8296.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26
8598.69	0.00	98.26	8395.00	-166.81	1149.05	1161.09	0.00	0.00	0.00	98.26

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100fl	t deg/100f	t deg/100ft	
000.00	0.00	98.26	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
012.00	0.00	98.26	2012.00	0.00	0.00	0.00	0.00	0.00	0.00	8 5/8" Surface
072.00	0.00	98.26	2072.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
100.00	0.56	98.26	2100.00	-0.02	0.14	0.14	2.00	2.00	0.00	MWD
200.00	2.56	98.26	2199.96	-0.41	2.83	2.86	2.00	2.00	0.00	MWD
300.00	4.56	98.26	2299.76	-1.30	8.97	9.07	2.00	2.00	0.00	MWD
400.00	6.56	98.26	2399.28	-2.69	18.56	18.76	2.00	2.00	0.00	MWD
500.00	8.56	98.26	2498.41	-4.58	31.58	31.91	2.00	2.00	0.00	MWD
600.00	10.56	98.26	2597.02	-6.97	48.02	48.52	2.00	2.00	0.00	MWD
700.00	12.56	98.26	2694.98	-9.85	67.85	68.56	2.00	2.00	0.00	MWD
800.00	14.56	98.26	2792.19	-13.22	91.05	92.00	2.00	2.00	0.00	MWD
900.00	16.56	98.26	2888.52	-17.07	117.59	118.83	2.00	2.00	0.00	MWD
00.00	18.56	98.26	2983.86	-21.41	147.45	149.00	2.00	2.00	0.00	MWD
100.00	20.56	98.26	3078.08	-26.22	180.58	182.47	2.00	2.00	0.00	MWD
200.00	22.56	98.26	3171.08	-31.49	216.94	219.22	2.00	2.00	0.00	MWD
300.00	24.56	98.26	3262.74	-37.24	256.50	259.19	2.00	2.00	0.00	MWD
400.00	26.56	98.26	3352.95	-43.43	299.19	302.33	2.00	2.00	0.00	MWD
466.11	27.88	98.26	3411.73	-47.78	329.12	332.57	2.00	2.00	0.00	End Build
500.00	27.88	98.26	3441.69	-50.06	344.81	348.42	0.00	0.00	0.00	MWD
600.00	27.88	98.26	3530.08	-56.77	391.09	395.19	0.00	0.00	0.00	MWD
700.00	27.88	98.26	3618.47	-63.49	437.37	441.95	0.00	0.00	0.00	MWD
800.00	27.88	98.26	3706.86	-70.21	483.65	488.72	0.00	0.00	0.00	MWD
815.46	27.88	98.26	3720.53	-71.25	490.80	495.95	0.00	0.00	0.00	Start Drop
900.00	27.04	98.26	3795.54	-76.85	529.38	534.93	1.00	-1.00	0.00	MWD
996.65	26.07	98.26	3882.00	-83.06	572.14	578.14	1.00	-1.00	0.00	Wasatch
000.00	26.04	98.26	3885.01	-83.27	573.59	579.61	1.00	-1.00	0.00	MWD
100.00	25.04	98.26	3975.24	-89.46	616.25	622.71	1.00	-1.00	0.00	MWD
200.00	24.04	98.26	4066.20	-95.43	657.35	664.24	1.00	-1.00	0.00	MWD
300.00	23.04	98.26	4157.88	-101.17	696.87	704.18	1.00	-1.00	0.00	MWD
400.00	22.04	98.26	4250.25	-106.67	734.80	742.50	1.00	-1.00	0.00	MWD
500.00	21.04	98.26	4343.26	-111.95	771.13	779.21	1.00	-1.00	0.00	MWD
600.00	20.04	98.26	4436.91	-116.99	805.85	814.29	1.00	-1.00	0.00	MWD
700.00	19.04	98.26	4531.15	-121.79	838.94	847.73	1.00	-1.00	0.00	MWD
800.00	18.04	98.26	4625.96	-126.36	870.40	879.52	1.00	-1.00	0.00	MWD
900.00	17.04	98.26	4721.31	-130.69	900.22	909.66	1.00	-1.00	0.00	MWD
00.00	16.04	98.26	4817.17	-134.78	928.39	938.12	1.00	-1.00	0.00	MWD
100.00	15.04	98.26	4913.52	-138.62	954.89	964.90	1.00	-1.00	0.00	MWD

## **Weatherford International Planning Report**

Wellpath: 1

Company: Enduring Resources
Field: Uintah, Utah
Site: NE/SW 30-10S-23E Pad
Well: Rock House 10-23-33-30

Date: 4/24/2006 Time: 12:00:02 Page: 4
Co-ordinate(NE) Reference: Well: Rock House 10-23-33-30, True North
Vertical (TVD) Reference: SITE 5651.0
Well (0.00N,0.00E,98.26Azi)

Section (VS) Reference: Plan:

		a de la composição de la		5001100 o <u>J. 19</u> 04 <u>1</u> 904 1				<b>75 *1.1</b>	er .	To all Commont
MD	Incl	Azim	TVD	+N/-S	+E/-W	VS ft	DLS deg/100ft	Build dea/100ft	Turn deg/100ft	Tool/Comment
ft	deg	deg	ft	ft	ft		CONTRACTOR AND SERVICE			A A A A ID
5200.00	14.04	98.26	5010.31	-142.23	979.73	990.00	1.00	-1.00	0.00	MWD
5300.00	13.04	98.26	5107.53	-145.59	1002.90	1013.41	1.00	-1.00	0.00	MWD
5376.32	12.27	98.26	5182.00	-147.99	1019.45	1030.13	1.00	-1.00	0.00	Entry Point
5400.00	12.04	98.26	5205.15	-148.71	1024.38	1035.12	1.00	-1.00	0.00	MWD
5500.00	11.04	98.26	5303.13	-151.58	1044.17	1055.12	1.00	-1.00	0.00	MWD
5600.00	10.04	98.26	5401.44	-154.21	1062.27	1073.40	1.00	-1.00	0.00	MWD
5700.00	9.04	98.26	5500.06	-156.59	1078.66	1089.97	1.00	-1.00	0.00	MWD
5800.00	8.04	98.26	5598.95	-158.72	1093.36	1104.82	1.00	-1.00	0.00	MWD
5900.00	7.04	98.26	5698.08	-160.61	1106.34	1117.93	1.00	-1.00	0.00	MWD
6000.00	6.04	98.26	5797.43	-162.24	1117.60	1129.32	1.00	-1.00	0.00	MWD
6088.99	5.15	98.26	5886.00	-163.49	1126.18	1137.99	1.00	-1.00	0.00	Mesaverde
6100.00	5.04	98.26	5896.96	-163.63	1127.15	1138.96	1.00	-1.00	0.00	MWD
6200.00	4.04	98.26	5996.65	-164.77	1134.98	1146.87	1.00	-1.00	0.00	MWD
6300.00	3.04	98.26	6096.46	-165.65	1141.08	1153.04	1.00	-1.00	0.00	MWD
	2.04	98.26	6196.36	-166.29	1145.46	1157.47	1.00	-1.00	0.00	MWD
6400.00	2.0 <del>4</del> 1.04	98.26	6296.32	-166.67	1148.12	1160.15	1.00	-1.00	0.00	MWD
6500.00	0.04	98.26	6396.31	-166.81	1149.04	1161.09	1.00	-1.00	0.00	MWD
6600.00 6603.69	0.04	98.26 98.26	6400.00	-166.81	1149.05	1161.09	1.00	-1.00	0.00	End Drop
0003.09	0.00	90.20	0400.00	-100.01	1140.00					·
6700.00	0.00	98.26	6496.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
6800.00	0.00	98.26	6596.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
6900.00	0.00	98.26	6696.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
7000.00	0.00	98.26	6796.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
7100.00	0.00	98.26	6896.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
7200.00	0.00	98.26	6996.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
7300.00	0.00	98.26	7096.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
7400.00	0.00	98.26	7196.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
7500.00	0.00	98.26	7296.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
7600.00	0.00	98.26	7396.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
7700.00	0.00	98.26	7496.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
7800.00 7800.00	0.00	98.26	7596.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
7900.00	0.00	98.26	7696.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
8000.00	0.00	98.26	7796.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
8100.00	0.00	98.26	7896.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
8200.00	0.00	98.26	7996.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
8200.00 8300.00	0.00	98.26	8096.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
8300.00 8349.69	0.00	98.26 98.26	8146.00	-166.81	1149.05	1161.09	0.00	0.00	0.00	Buck Tongue
8349.69 8400.00	0.00	98.26 98.26	8196.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
	0.00	98.26	8296.31	-166.81	1149.05	1161.09	0.00	0.00	0.00	MWD
8500.00	0.00	30.20	0280.31	- 100.01	1178.00					
8598.69	0.00	98.26	8395.00	-166.81	1149.05	1161.09	0.00	0.00	0.00	TD

Targets						CONTRACTOR					
Name Description Dip. Dir.	TVD ft	+N/-S *ft	+E/-W ft	Map Northing ft	Map Easting ft	C— L Deg M		ude Sec			gitude —> Sec
10-23-33-30 Target -Rectangle (400x400) -Plan hit target	8395.00	-166.81	1149.05	7145983.31	2238515.61	39	55	4.631	N 10	9 22	2.371 W

# **Weatherford International Planning Report**

Well:

Company: Enduring Resources Field: Uintah, Utah Site: NE/SW 30-10S-23E Pad Rock House 10-23-33-30

 Date:
 4/24/2006
 Time:
 12:00:02
 Page:
 5

 Co-ordinate(NE) Reference:
 Well:
 Rock House 10-23-33-30, True North

 Vertical (TVD) Reference:
 SITE 5651.0

 Section (VS) Reference:
 Well (0.00N,0.00E,98.26Azi)

#### Wellpath: 1 **Casing Points**

	MD ft	TVD ft	Diameter in	Hole Size in	Name	New York Committee of the Committee of t
ı						
L	2012.00	2012.00	8.625	12.250	8 5/8" Surface	

#### **Formations**

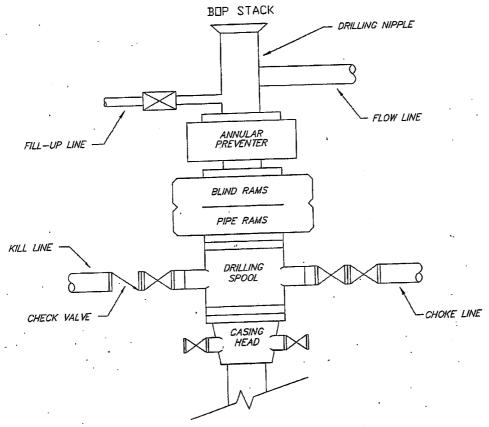
MD ft	9999999999		deg	Dip Direction
1132.00	1132.00	Green River	0.00	0.00
3996.65	3882.00	Wasatch	0.00	0.00
6088.99	5886.00	Mesaverde	0.00	0.00
8349.69	8146.00	Buck Tongue	0.00	0.00

#### Annotation

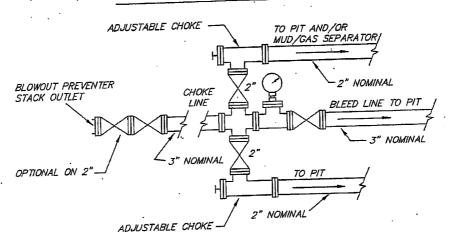
DESTRUCTION STATES	essantania erakusta (27.28)	
MD	TVD	
ft		CANADA AND AND AND AND AND AND AND AND AN
		\$3.50 (A4504C) (A4504C) Program (A4504C) (A4504C)
		SHL (2146 FSL & 2105 FWL)
2072.00	2072.00	KOP `
3466.11	3411.73	End Build
3815.46	3720.53	Start Drop
5376.32	5182.00	Entry Point
6603.69	6400.00	End Drop
8598.69	8395.00	TD
L	· · · · · · · · · · · · · · · · · · ·	

# **ENDURING RESOURCES, LLC**

TYPICAL 3,000 p.s.i.
BLOWOUT PREVENTER SCHEMATIC



TYPICAL 3,000 p.s.i. CHOKE MANIFOLD SCHEMATIC



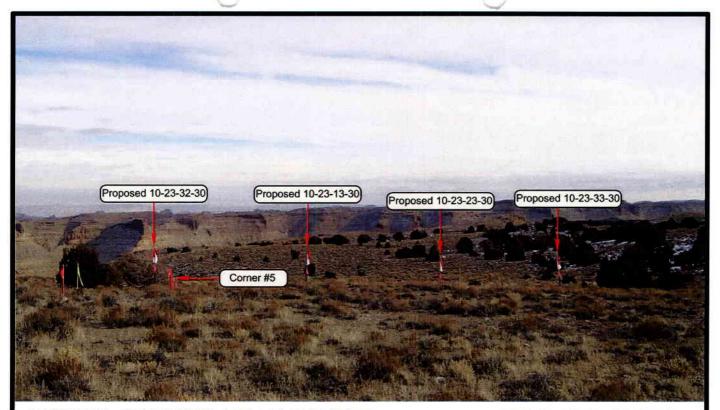


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY

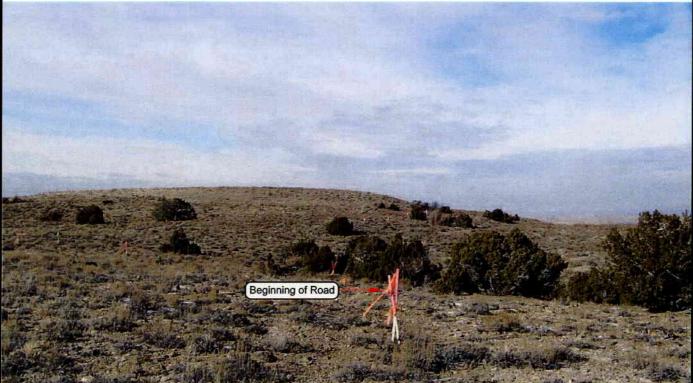


PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: NORTHWESTERLY

#### **ENDURING RESOURCES**

Rock House 10-23-23-30, Rock House 10-23-32-30, Rock House 10-23-13-30 & Rock House 10-23-33-30 SECTION 30, T10S, R23E, S.L.B.&M. 2170' FSL & 2102' FWL

#### LOCATION PHOTOS

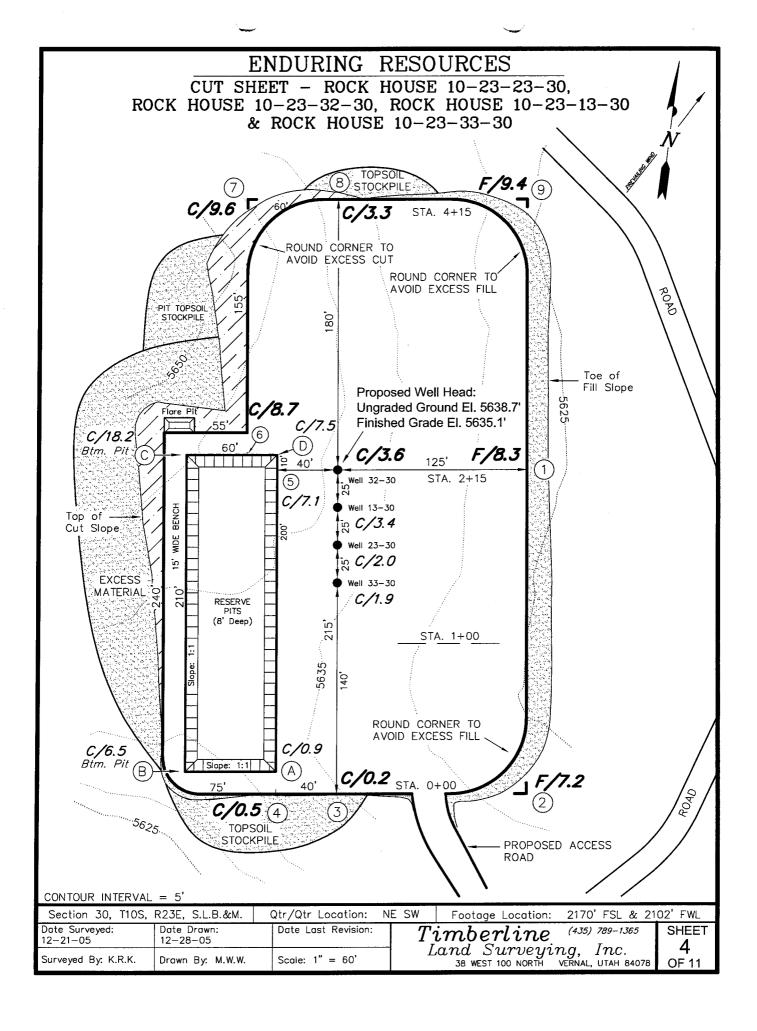
DATE TAKEN: 12-21-05 DATE DRAWN: 12-30-05

TAKEN BY: K.R.K. DRAWN BY: M.W.W.

REVISED:

Timberline Land Surveying, Inc. 38 West 100 North Vernal, Utah 84078 (435) 789-1365

SHEET OF 11

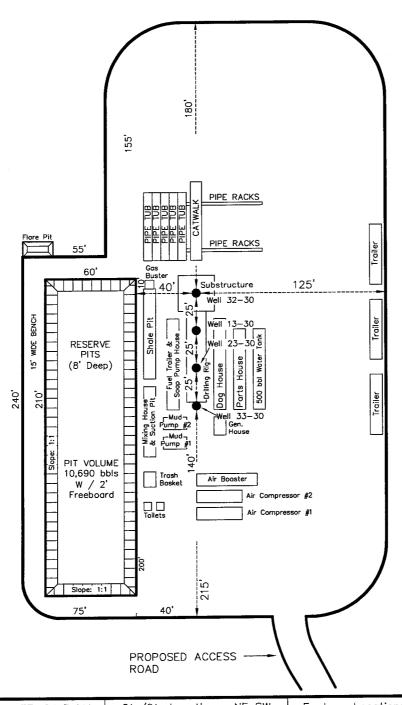


#### ENDURING RESOURCES CROSS SECTIONS - ROCK HOUSE 10-23-23-30, ROCK HOUSE 10-23-32-30, ROCK HOUSE 10-23-13-30 & ROCK HOUSE 10-23-33-30 30, II STA. 3+95 1" = 60'**EXISTING** GRADE FINISHED GRADE 30, П WELL HOLE STA. 2+15 1" = 60'30, II STA. 1+00 1" = 60'NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1 30, [] Pit overburden is included in pad cut. ESTIMATED EARTHWORK QUANTITIES STA, 0+00 1" = 60'(No shrink or swell adjustments have been used) (Expressed in Cubic Yards) REFERENCE POINTS 6" TOPSOIL **EXCESS** CUT FILL ITEM 265' SOUTHERLY = 5637.9'8,660 -1,550 Topsoil is 7,110 PAD not included in Pad Cut 315' SOUTHERLY = 5635.1'3,110 PIT 3,110 175' EASTERLY = 5623.3'1,560 1,680 TOTALS 10,220 8,660 Excess Material after Pit Rehabilitation = 0 Cu. 225' EASTERLY = 5620.1'

Section 30, T10S,	R23E, S.L.B.&M.	Qtr/Qtr Location: N	E SW Footage Location: 2170' FSL & 2102' FW
Date Surveyed: 12-21-05	Date Drawn: 12-28-05	Date Last Revision:	Timberline (435) 789-1365 SHEI
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	Land Surveying, Inc. 3 38 WEST 100 NORTH VERNAL, UTAH 84078 OF 1

# ENDURING RESOURCES

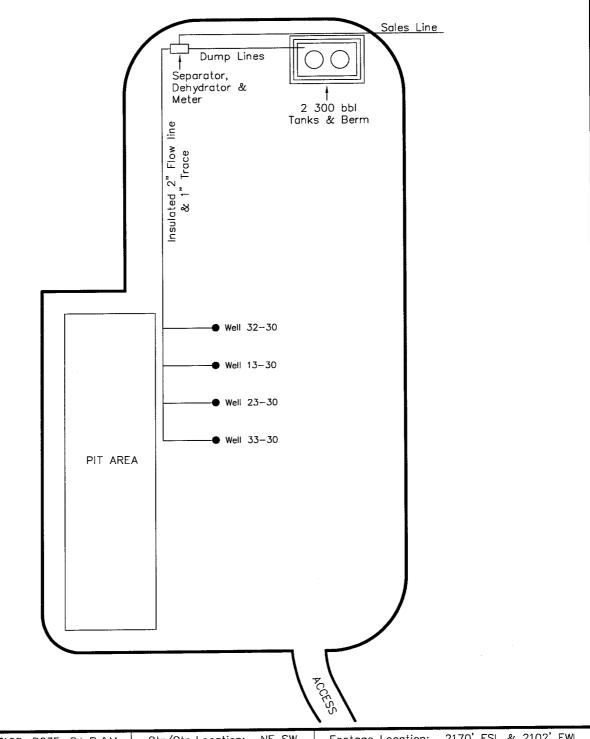
TYPICAL RIG LAYOUT - ROCK HOUSE 10-23-23-30, ROCK HOUSE 10-23-32-30, ROCK HOUSE 10-23-13-30 & ROCK HOUSE 10-23-33-30



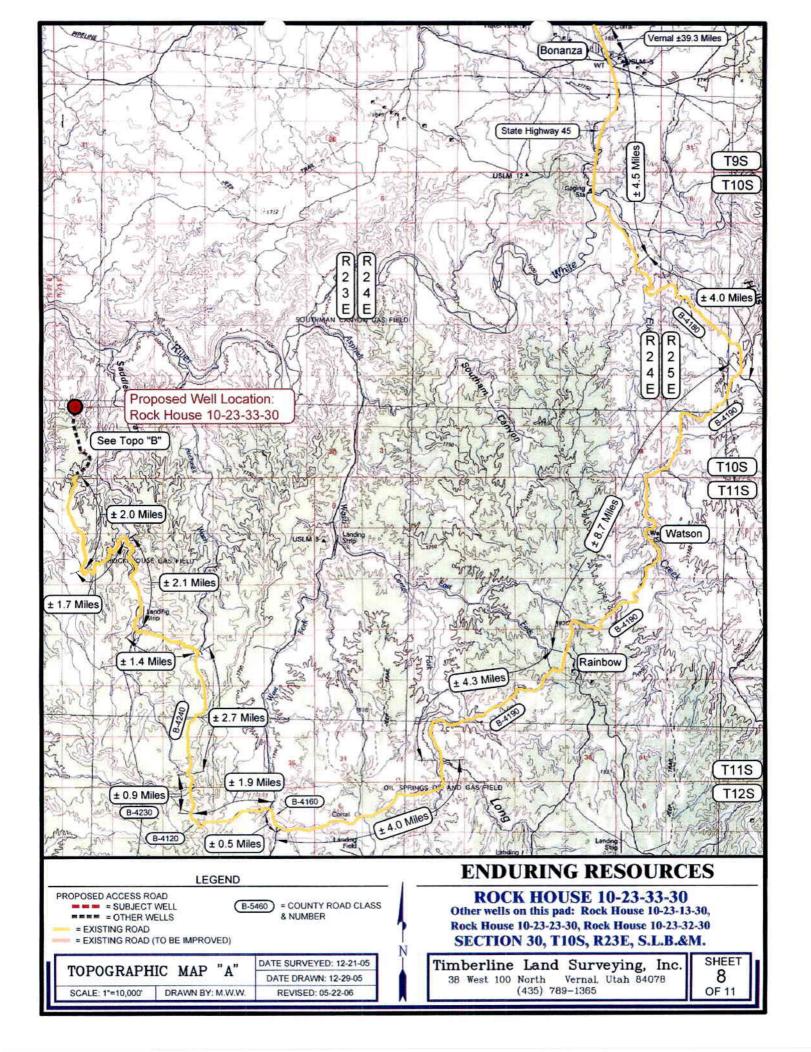
Section 30, T10S,	R23E, S.L.B.&M.	Qtr/Qtr Location: N	E SW	Footage Location:	2170' FSL & 21	02' FWL
Date Surveyed: 12-21-05	Date Drawn: 12-28-05	Date Last Revision:		mberline	(435) 789-1365	SHEET 6
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	La	nd Surveying 38 WEST 100 NORTH	J, 1760. VERNAL, UTAH 84078	OF 11

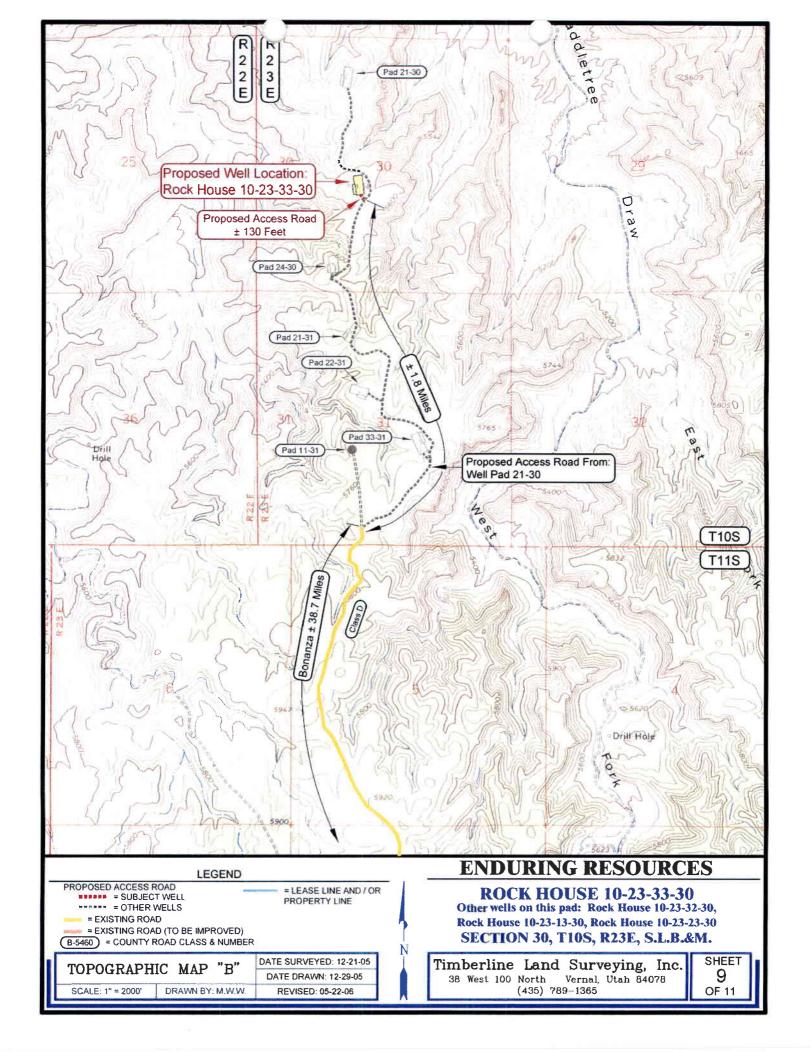
# ENDURING RESOURCES

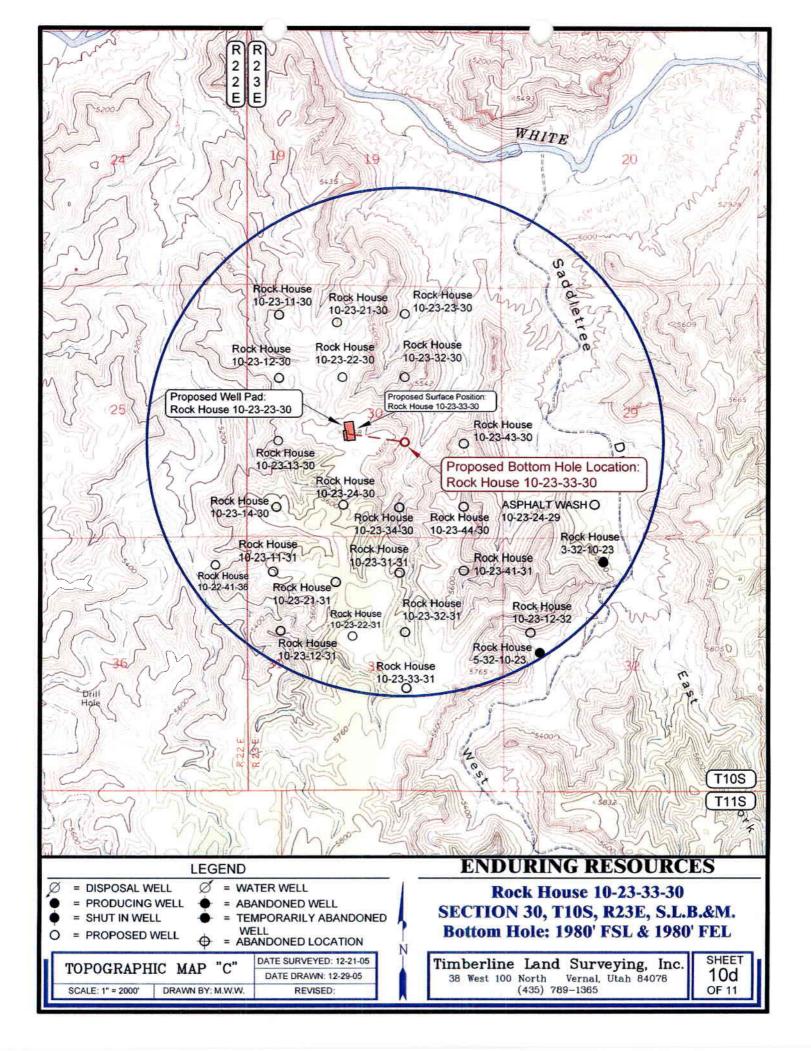
TYPICAL PRODUCTION LAYOUT - ROCK HOUSE 10-23-23-30, ROCK HOUSE 10-23-32-30, ROCK HOUSE 10-23-13-30 & ROCK HOUSE 10-23-33-30

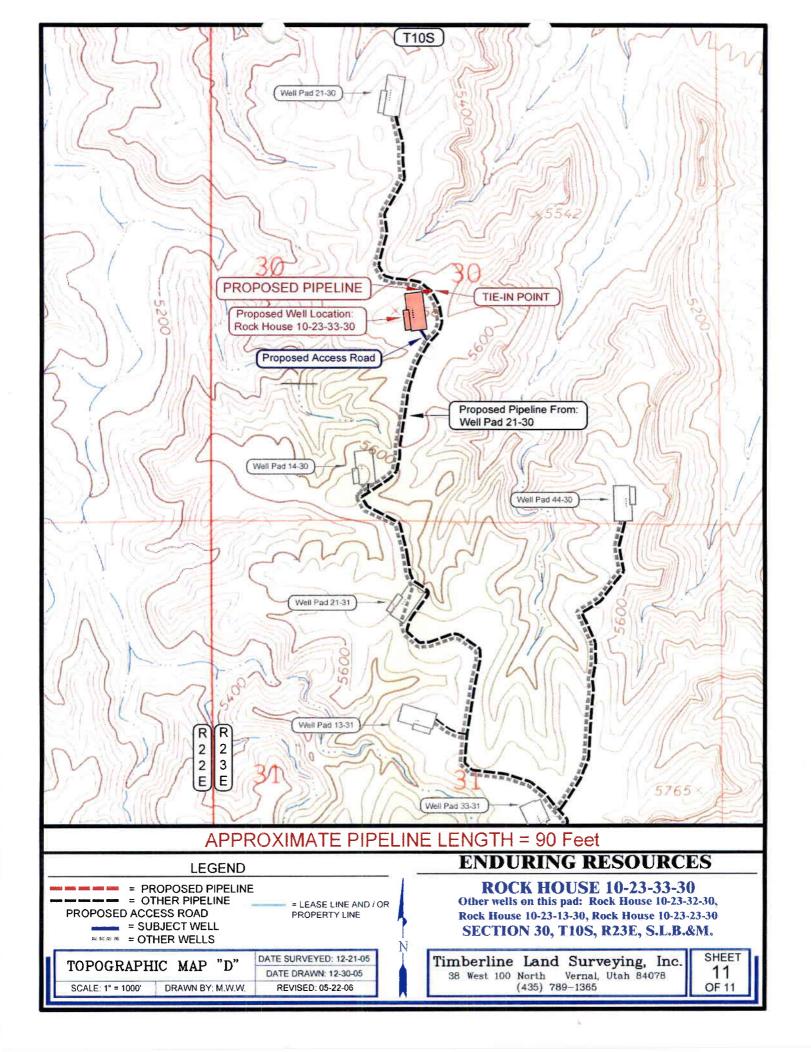


Section 30, T10S,	R23E, S.L.B.&M.	Qtr/Qtr Location: N	IE SW   Footage Location: 2170 FSL & 210	JZ FVVL
Date Surveyed:	Date Drawn:	Date Last Revision:	<i>Timberline</i> (435) 789-1365	SHEET
12-21-05	12-28-05			7
Surveyed By: K.R.K.	Drawn By: M.W.W.	Scale: 1" = 60'	Land Surveying, Inc. 38 west 100 north Vernal, utah 84078	OF 11
		and the same of th		





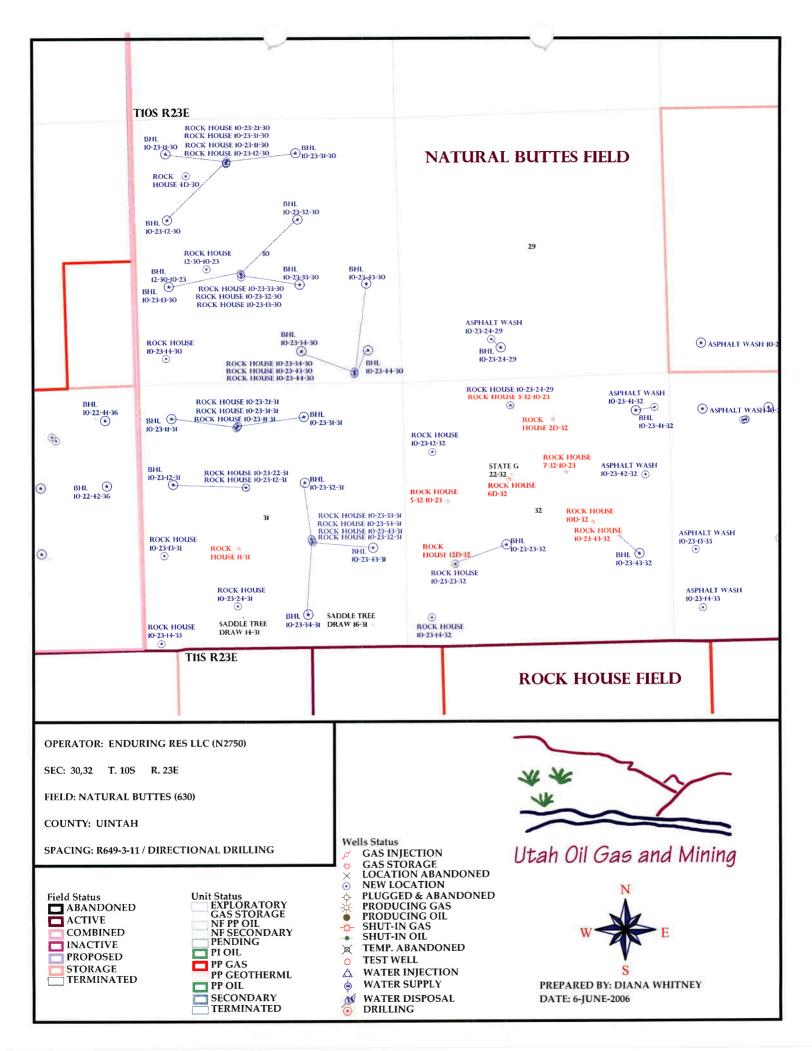




# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/26/2006	API NO. ASSIGNED: 43-047-38180
WELL NAME: ROCK HOUSE 10-23-33-30  OPERATOR: ENDURING RESOURCES, LLC ( N2750 )  CONTACT: AL ARLIAN	PHONE NUMBER: 303-350-5114
PROPOSED LOCATION:  NESW 30 100S 230E  SURFACE: 2146 FSL 2105 FWL  BOTTOM: 1980 FSL 1980 FEL  COUNTY: UINTAH  LATITUDE: 39.91855 LONGITUDE: -109.3706  UTM SURF EASTINGS: 639254 NORTHINGS: 44197  FIELD NAME: NATURAL BUTTES (630  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-81737  SURFACE OWNER: 1 - Federal	
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. RLB0008031 ) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-2216 ) RDCC Review (Y/N) (Date: )  N.W. Fee Surf Agreement (Y/N) Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit: R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill
STIPULATIONS: 1- Ledera Opprova C	

1.50





State of Utah

Department of Natural Resources

> MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

June 7, 2006

Enduring Resources, LLC 475 17th St., Ste. 1500 Denver, CO 80202

Re:

Rock House 10-23-33-30 Well, Surface Location 2146' FSL, 2105' FWL, NE SW, Sec. 30, T. 10 South, R. 23 East, Bottom Location 1980' FSL, 1980' FEL, NW SE, Sec. 30, T. 10 South, R. 23 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38180.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal District Office

Operator:	Endurin				
Well Name & Number	Rock House 10-23-33-30				
API Number:	43-047-38180				
Lease:	UTU-81737				
Surface Location: NE SW	Sec30_	T. 10 South	<b>R.</b> 23 East		
Bottom Location: NW SE_	Sec. 30_	<b>T.</b> <u>10 South</u>	<b>R.</b> 23 East		

# **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

# 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-81737	
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME:  N/A	
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: Rock House10-23-33-30	
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 4304738180	
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 350-5114	10. FIELD AND POOL, OR WILDCAT: Undesignated	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2146' FSL - 2105' FWL	соинту: Uintah	
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 30 10S 23E S	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA	
TYPE OF SUBMISSION TYPE OF ACTION		
NOTICE OF INTENT (Submit in Duplicate)  ACIDIZE  DEEPEN  DEEPEN  FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL	
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON	
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR	
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE	
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK (Submit Original Form Only)	WATER DISPOSAL	
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF	
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: Request for APD	
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	Extension	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume Enduring Resources, LLC respectfully request an extension to the expiration date of this Approved by the Utah Division of Oil, Gas and Mining  Date:		
COPY SENT TO OPERATOR Date: Le (a) (b)   Initials: RM		
NAME (PLEASE PRINT) Evette Bissett TITLE Regulatory Affairs	s Assistant	
SIGNATURE GUELLO BUSANDA DATE 5/22/2007		

(This space for State use only)

# Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API:

4304738180

# STATE OF UTAH

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this fram for proposable to diff leave wells, synthecropy despone seating wells below current problem-date depth, seather plaggodd walls, or to 7. INAT CA-AGREEMENT HAME: N/A  1. TYPE OF WELL.  OIL WELL   GAS WELL   GAS WELL   OTHER   R. MALL MARIE and HAMBER   N/A  1. NAME OF CREEMENTOR.  Encluring Resources, LLC  1. CORNESS OF DEPROTOR.  4. COCATION OF WELL   STORY   COLOR   CO	I	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-81737					
TYPE OF SUBMISSION  TYPE OF SUBMISSION  TO FECRATOR STATE CASING PRACTICE STATE CASING PRACTICE STATE CASING PRACTICE STATE CHARGE PROCESS TO STATE CASING PRACTICE STATE STATE CASING PRACTICE STATE STATE STATE STATE STAT	SUNDRY						
2. NAME OF OPERATOR Enduring Resources, LLC  2. NAME OF OPERATOR Enduring Resources, LLC  3. ADDRESS OF CREATOR ENDURER SUBJICATION ENDORMEN SUBJICATION ENDORMER SUBJICATION ENDO	Do not use this form for proposals to drill no drill horizontal la	N/A					
Enduring Resources, LLC  3. ADDRESS OF DEPARTOR 3. ADDRESS OF DEPARTOR 475 17th Stress, Suite 1500 GITY, Deriver 475 17th Stress, Suite 1500 GITY, Deriver 4. LOCATION OF WELL FOOTAGES AT SURFACE. 2146' FSL - 2105' FWL OTROTR. SECTION. TOWNSHIP, RANGE. MERIDAN. NESW 30 10S 23E S  10 COUNTY: Uintah  11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  11. TYPE OF SUBMISSION 12. ACIDIZE 13. ACIDIZE 14. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  15. TYPE OF SUBMISSION 15. ACIDIZE 16. ACIDIZE 17.	OIL WELL	GAS WELL 🔽 OTHER	Rock House10-23-33-30				
475 TTP Street, Suite 1500 OTHER STATE CO 2P 80202 (303) 350-5114 Undesignated  4. LOCATION OF WELL POOTAGES AT SURPACE: 2146' FSL - 2105' FWL COUNTY: Uintah  CTROTR, SECTION, TOWNSHIP, RANGE, MERIDIAN, NESW 30 10S 23E S  11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION TYPE OF ACTION  WOTH OF A CASING SEPAIR SUMMED APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF FACTION SUMMED APPROPRIATE CURRENT FORMATION SUMMED APPROPRIATE CURRENT FORMATION PRACTURE TREAT SUMMED APPROPRIATE TREAT			4304738180				
TYPE OF SUBMISSION  TYPE OF SUBMISSION  Approximate date work will start:    CASING REPAIR   CASING   CANAGE TURING   CANAGE TURING   COMMINGE TO PREVIOUS PLANS   PLUG BACK   COMMINGE TO PREVIOUS PLANS   PRODUCTION (SARTH TRESUME)   CANAGE TURING   CANAGE TURING   CANAGE TURING   COMMINGE TO PREVIOUS PLANS   PRODUCTION (SARTH TRESUME)   CANAGE TURING   CHANGE TO PREVIOUS PLANS   PLUG BACK   CANAGE TURING   CANAGE TURING   CANAGE TURING   COMMINGE PRODUCTION (SARTH TRESUME)   WATER SHUT-OFF   CANAGE TURING   CHANGE TURING   CHANGE TURING   PLUG BACK   WATER SHUT-OFF   COMMINGE PRODUCTION FORMATION   RECOMPLETE DIFFERENT FORMATION   TEMPORABLY ABANDON   WATER SHUT-OFF   CANAGE TURING   CHANGE TURING   CHANGE TURING   PLUG BACK   WATER SHUT-OFF   COMMINGE PRODUCTION FORMATION OF WELL SITE   COMMINGE PRODUCTION FORMATION   RECOMPLETE DIFFERENT FORMATION   CHANGE REQUEST FOR APD    12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertiened datalis including dates, depths, volumes, etc.  Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill  FROM: 6/6/2008  TO: 6/6/2008  TO: 6/6/2008  TO: 6/6/2008  TO: COPY SENT TO OPERATOR   Date: 6/6/2008  Initials: 6/6/2008  Initials: 6/6/2008  Initials: 6/6/2008							
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION TYPE OF ACTION    NOTICE OF INTENT		FSL - 2105' FWL	COUNTY: <b>Uintah</b>				
TYPE OF SUBMISSION    TYPE OF ACTION	QTR/QTR, SECTION, TOWNSHIP, RAN	ge, meridian: NESW 30 10S 23E S					
NOTICE OF INTENT	11. CHECK APP	· · · · · · · · · · · · · · · · · · ·	RT, OR OTHER DATA				
OTTICE OF INTENT (Submit in Duplicate)   Approximate date work will start.   CASING REPAIR   NEW CONSTRUCTION   TEMPORARILY ABANDON	TYPE OF SUBMISSION						
Approximate date work will start.    CASING REPAIR							
CHANGE TO PREVIOUS PLANS   OPERATOR CHANGE   TUBING REPAIR							
CHANGE TUBING	Approximate date work will start:						
SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:    CHANGE WELL STATUS		CHANGE TO PREVIOUS PLANS OPERATOR CHANGE					
CHANGE WELL STATUS   PRODUCTION (START/RESUME)   WATER SHUT-OFF		CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE				
Date of work completion:  CHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE  CONVERT WELL TYPE  RECOMPLETE - DIFFERENT FORMATION  RECOMPLETE - DIFFERENT FORMATION  RECLAMATION OF WELL SITE  OTHER: Request for APD  Extension  12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill  FROM: 6/6/2008  TO: 6/6/2009  Approved by the  Utah Division of  Oil, Gas and Mining  Date: 06 - 09 - 08  Initials: K-5  Initials: K-5		CHANGE WELL NAME PLUG BACK	WATER DISPOSAL				
COMMINGLE PRODUCING FORMATION   RECLAMATION OF WELL SITE   OTHER: Request for APD   Extension    12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill  FROM: 6/6/2008 TO: 6/6/2009  Approved by the Utah Division of Oil, Gas and Mining  Date: 00 - 00 - 05   Initials: 10 - 2008 Initials: 15 - 5	-	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF				
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill  FROM: 6/6/2008 TO: 6/6/2009  Approved by the Utah Division of Oil, Gas and Mining  Date: 00-00-06  By: 00-00-06  Initials: 455	Date of work completion.	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ OTHER: Request for APD				
Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill  FROM: 6/6/2008 TO: 6/6/2009  Approved by the Utah Division of Oil, Gas and Mining  Date: 06-09-08  Date: 6-10-2008 Initials: 4-5		CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	Extension				
NAME (PLEASE PRINT) Alvin R. (AI) Arlian TITLE Landman	Enduring Resources, LLC respectfully request an extension to the expiration date of this Application for Permit to Drill  FROM: 6/6/2008 TO: 6/6/2009  Approved by the Utah Division of Oil, Gas and Mining  Date: 00-09-08  COPY SENT TO OPERATOR Date: 6-10-2008						
SIGNATURE		6/1/2008					

(This space for State use only)



# Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738180  Well Name: Rock House 10-23-33-30  Location: 2146' FSL-2105' FWL, NESW, Sec. 30, T10S - R23E  Company Permit Issued to: Enduring Resources, LLC  Date Original Permit Issued: 6/7/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No ☐
6/1/2008
Signature Date
Title: Landman
Representing: Enduring Resources, LLC



	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-81737
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deeper gged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ROCK HOUSE 10-23-33-30
2. NAME OF OPERATOR: Enduring Resources, LLC			9. API NUMBER: 43047381800000
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 ,	Denver, CO, 80202 303	PHONE NUMBER: 350-5114 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2146 FSL 2105 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESW Section: 30	<b>P, RANGE, MERIDIAN:</b> Township: 10.0S Range: 23.0E Meridian:	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT Approximate date work will start: 6/9/2009  SUBSEQUENT REPORT Date of Work Completion:  SPUD REPORT Date of Spud:  DRILLING REPORT Report Date:  12. DESCRIBE PROPOSED OR CO		i.	CASING REPAIR  CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  ✓ APD EXTENSION  OTHER:  volumes, etc.  Approved by the  Utah Division of  Oil, Gas and Mining  Date:  June 10, 2009
NAME (PLEASE PRINT) Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	R TITLE Landman-Regulatory	
SIGNATURE N/A		<b>DATE</b> 6/9/2009	



# The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43047381800000

**API:** 43047381800000

Well Name: ROCK HOUSE 10-23-33-30

Location: 2146 FSL 2105 FWL QTR NESW SEC 30 TWNP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

**Date Original Permit Issued: 6/7/2006** 

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that requ

require revi	sion. Following is a c	hecklist of son	approved applicated items related	to the applica	tion, which should be verified.
	ated on private land, ed? 📗 Yes 📵 No		ship changed, if	so, has the su	rface agreement been
	any wells been drille requirements for thi			d well which v	vould affect the spacing or
	nere been any unit or s proposed well?		ents put in place	e that could af	fect the permitting or operatio
	there been any chang the proposed location			ng ownership,	or rightof- way, which could
• Has th	ne approved source o	of water for dri	lling changed?(	🗎 Yes 🌘 I	No
	there been any physi je in plans from what				route which will require a Yes 📵 No
• Is bor	nding still in place, w	hich covers thi	s proposed well	? 📵 Yes 🗍	Approved by the No Utah Division of Oil, Gas and Mining
Signature:	Alvin Arlian	Date:	6/9/2009		
Title:	Landman-Regulatory	Representing:	ENDURING RESO	URCES, LLC	Date: June 10, 2009

	STATE OF UTAH		FORM 9	
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-81737	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen or gged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ROCK HOUSE 10-23-33-30	
2. NAME OF OPERATOR: Enduring Resources, LLC			9. API NUMBER: 43047381800000	
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500,	Denver, CO, 80202 303 3	PHONE NUMBER: 50-5114 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2146 FSL 2105 FWL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESW Section: 30	P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian: S	5	STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	☐ ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME	
6/7/2010	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE	
☐ SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK	
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL	
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pert	inent details including dates, depths, v	olumes, etc.	
	n one-year extension to APD to			
			Approved by the	
			Utah Division of Oil, Gas and Mining	
			Oil, Gas and Milling	
		D	<b>ate:</b> June 07, 2010	
			J 100 cal 110	
		В	A: Description	
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE		
Alvin Arlian	303 350-5114	Landman-Regulatory		
SIGNATURE N/A		<b>DATE</b> 6/4/2010		



# The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43047381800000

**API:** 43047381800000

Well Name: ROCK HOUSE 10-23-33-30

Location: 2146 FSL 2105 FWL QTR NESW SEC 30 TWNP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

**Date Original Permit Issued: 6/7/2006** 

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that requ

uire revis	sion. Following is a ch	ecklist of son	ne items rela	ited to the	applicati	ion, which s	should be verified	ı.
	nted on private land, h ed? 📗 Yes 🌘 No	as the owner	ship change	d, if so, ha	s the sur	face agreer	ment been	
	any wells been drilled requirements for this				which w	ould affect	the spacing or	
	nere been any unit or o proposed well?		ents put in p	place that o	could affe	ect the pern	nitting or operati	OI
	there been any change the proposed location			luding own	nership, d	or rightof- v	vay, which could	
• Has th	ne approved source of	water for dri	lling change	d? 📗 Ye	s 📵 N	o		
	there been any physic e in plans from what v							
• Is bor	nding still in place, wh	ich covers th	is proposed	well? 🌘	Yes 🗍	No Utah	ved by the Division of and Mining	
nature:	Alvin Arlian	Date:	6/4/2010		_		07.0010	
Title:	Landman-Regulatory Re	epresenting:	ENDURING R	ESOURCES,	LLC D	\	ne 07, 2010	_
						£ 00.6	W In	

Sig

	STATE OF UTAH		FORM 9	
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-81737	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen or gged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ROCK HOUSE 10-23-33-30	
2. NAME OF OPERATOR: Enduring Resources, LLC			9. API NUMBER: 43047381800000	
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500,	Denver, CO, 80202 303 3	PHONE NUMBER: 50-5114 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2146 FSL 2105 FWL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESW Section: 30	P, RANGE, MERIDIAN: Township: 10.0S Range: 23.0E Meridian: S	5	STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	☐ ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME	
6/7/2010	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE	
☐ SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK	
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL	
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pert	inent details including dates, depths, v	olumes, etc.	
	n one-year extension to APD to			
			Approved by the	
			Utah Division of Oil, Gas and Mining	
			Oil, Gas and Milling	
		D	<b>ate:</b> June 07, 2010	
			J 100 cal 110	
		В	A: Description	
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE		
Alvin Arlian	303 350-5114	Landman-Regulatory		
SIGNATURE N/A		<b>DATE</b> 6/4/2010		



# The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43047381800000

**API:** 43047381800000

Well Name: ROCK HOUSE 10-23-33-30

Location: 2146 FSL 2105 FWL QTR NESW SEC 30 TWNP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

**Date Original Permit Issued: 6/7/2006** 

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that requ

uire revis	sion. Following is a ch	ecklist of son	ne items rela	ited to the	applicati	ion, which s	should be verified	ı.
	nted on private land, h ed? 📗 Yes 🌘 No	as the owner	ship change	d, if so, ha	s the sur	face agreer	ment been	
	any wells been drilled requirements for this				which w	ould affect	the spacing or	
	nere been any unit or o proposed well?		ents put in p	place that o	could affe	ect the pern	nitting or operati	OI
	there been any change the proposed location			luding own	nership, d	or rightof- v	vay, which could	
• Has th	ne approved source of	water for dri	lling change	d? 📗 Ye	s 📵 N	o		
	there been any physic e in plans from what v							
• Is bor	nding still in place, wh	ich covers th	is proposed	well? 🌘	Yes 🗍	No Utah	ved by the Division of and Mining	
nature:	Alvin Arlian	Date:	6/4/2010		_		07.0010	
Title:	Landman-Regulatory Re	epresenting:	ENDURING R	ESOURCES,	LLC D	\	ne 07, 2010	_
						£ 00.6	W In	

Sig

Sundry Number: 15604 API Well Number: 43047381800000

	STATE OF UTAH				FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEAS UTU-8	E DESIGNATION AND SERIAL NUMBER:	
SUNDRY NOTICES AND REPORTS ON WELLS				6. IF II	NDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT	or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well					L NAME and NUMBER: HOUSE 10-23-33-30
2. NAME OF OPERATOR: Enduring Resources, LLC					NUMBER: '381800000
<b>3. ADDRESS OF OPERATOR:</b> 475 17th Street, Suite 1500 , Denver, CO, 80202  303 350-5114 Ext					<b>D</b> and <b>POOL</b> or <b>WILDCAT</b> : RAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2146 FSL 2105 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 30 Township: 10.0S Range: 23.0E Meridian: S				COUNT	
				STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPORT	, OR OT	HER DATA
TYPE OF SUBMISSION	TYPE OF ACTION				
	☐ ACIDIZE		ALTER CASING		CASING REPAIR
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
6/7/2011	☐ CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS		CONVERT WELL TYPE
SUBSEQUENT REPORT	☐ DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK
	☐ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	□ :	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
	☐ TUBING REPAIR		/ENT OR FLARE		WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF		SI TA STATUS EXTENSION	1	APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION		OTHER	отн	ER:
12 DESCRIBE PROPOSED OF CO	MPLETED OPERATIONS. Clearly show all po	artinen	t details including dates, denths	volumes	etc
	n one-year extension to APD			voiuilles,	ett.
•	,			_	
					Approved by the Utah Division of
					l, Gas and Mining
				ate:_	06/06/2011
			_	J	. nozeil VV
				3y: <u>\</u>	ora XIII
NAME (PLEASE PRINT) Alvin Arlian	<b>PHONE NUMBER</b> 303 350-5114	2	TITLE Landman-Regulatory		
SIGNATURE N/A			<b>DATE</b> 6/3/2011		

Sundry Number: 15604 API Well Number: 43047381800000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43047381800000

**API:** 43047381800000

Well Name: ROCK HOUSE 10-23-33-30

Location: 2146 FSL 2105 FWL QTR NESW SEC 30 TWNP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 6/7/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated?</li> <li>Yes </li> <li>No</li> </ul>
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes</li> <li>No</li> </ul>
• Has the approved source of water for drilling changed?   Yes   No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

**Signature:** Alvin Arlian **Date:** 6/3/2011

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC

Sundry Number: 26302 API Well Number: 43047381800000

	FORM 9						
STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-81737				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME:						
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: ROCK HOUSE 10-23-33-30						
2. NAME OF OPERATOR: Enduring Resources, LLC	9. API NUMBER: 43047381800000						
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700, Denver, CO, 80202  PHONE NUMBER: 303 350-5114 Ext			9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2146 FSL 2105 FWL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 30 Township: 10.0S Range: 23.0E Meridian: S			STATE: UTAH				
11. CHECI	CAPPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPOF	RT, OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
✓ NOTICE OF INTENT	ACIDIZE	ALTER CASING	CASING REPAIR				
Approximate date work will start: 6/7/2012	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
0/7/2012	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE				
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	New construction				
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK				
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION				
Report Date.	WILDCAT WELL DETERMINATION	OTHER	OTHER:				
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all p	ertinent details including dates, o	lepths, volumes, etc.				
Request for a	in one-year extension to APD e	expiration date.	Approved by the				
			Utah Division of Oil, Gas and Mining				
			Date: June 05, 2012				
			Date: Same so, 2012				
			By: Doddyffell				
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER	TITLE Landman-Pegulatory					
SIGNATURE	303 350-5114	Landman-Regulatory  DATE					
N/A		6/1/2012					

Sundry Number: 26302 API Well Number: 43047381800000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047381800000

**API:** 43047381800000

Well Name: ROCK HOUSE 10-23-33-30

Location: 2146 FSL 2105 FWL QTR NESW SEC 30 TWNP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 6/7/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
Deter 0/4/2042

Signature: Alvin Arlian Date: 6/1/2012

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC

Sundry Number: 38377 API Well Number: 43047381800000

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCE	5.LEASE DESIGNATION AND SERIAL NUMBER:				
	DIVISION OF OIL, GAS, AND MINI	UTU-81737				
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ROCK HOUSE 10-23-33-30			
2. NAME OF OPERATOR: Enduring Resources, LLC			9. API NUMBER: 43047381800000			
<b>3. ADDRESS OF OPERATOR:</b> 511-16th Street, Suite 700 , Denver, CO, 80202 <b>PHONE NUMBER:</b> 303 350-5114 Ext			9. FIELD and POOL or WILDCAT: NATURAL BUTTES			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2146 FSL 2105 FWL			COUNTY: UINTAH			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 30 Township: 10.0S Range: 23.0E Meridian: S			STATE: UTAH			
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA			
TYPE OF SUBMISSION						
,	ACIDIZE	ALTER CASING	CASING REPAIR			
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
6/7/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT	DEEPEN [	FRACTURE TREAT	NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION			
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:			
40. DECORUDE PROPOSED OR		Land and Late Helical Processing				
I .	COMPLETED OPERATIONS. Clearly show all an one-year extension to APD		Approved by the			
Request for a	an one year extension to Ar B	expiration date.	Utah Division of Oil, Gas and Mining			
			Date: June 04, 2013			
			By: Boogyill			
			<i>y</i>			
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBE	R TITLE Landman-Regulatory				
SIGNATURE	303 350-5114	DATE				
N/A		6/3/2013				

Sundry Number: 38377 API Well Number: 43047381800000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047381800000

**API:** 43047381800000

Well Name: ROCK HOUSE 10-23-33-30

Location: 2146 FSL 2105 FWL QTR NESW SEC 30 TWNP 100S RNG 230E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

**Date Original Permit Issued:** 6/7/2006

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<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes  No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
mature. Alvin Arlian

Signature: Alvin Arlian Date: 6/3/2013

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 5, 2014

Al Arlian Enduring Resources, LLC 511-16th Street, Suite 700 Denver, CO 80202

Re:

APD Rescinded - Rock House 10-23-33-30, Sec. 30 T. 10S, R. 23E

Uintah County, Utah API No. 43-047-38180

Dear Mr. Arlian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on June 7, 2006. On June 6, 2007, June 9, 2008, June 10, 2009, June 7, 2010, June 6, 2011, June 5, 2012 and June 4, 2013 the Division granted a one-year APD extension. On June 2, 2014, you requested that the division rescind the state approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective June 2, 2014.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

**Environmental Scientist** 

cc:

Well File

Bureau of Land Management, Vernal

